

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) | [Purchase History](#) | [Cart](#)

Welcome United States Patent and Trademark Office

[Search Session History](#)[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)

Edit an existing query or  
compose a new query in the  
Search Query Display.

**Fri, 8 May 2009, 11:45:48 AM EST**

Search Query Display

Select a search number (#)  
to:

- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

Recent Search Queries

#1 (diagnostics&lt;and&gt;prognostics)&lt;and&gt;neural network

Indexed by

[Help](#) [Contact Us](#) [Privacy &](#)

© Copyright 2009 IEEE --


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) | [Purchase History](#)

Welcome United States Patent and Trademark Office

☒ Search Results

[BROWSE](#)
[SEARCH](#)
[IEEE XPLORE GUIDE](#)

Results for "(diagnostics&lt;-and- prognostics)&lt;-and- neural network"

Your search matched 718 of 2023093 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by **Relevance in Descending order**.

» Search Options

[View Session History](#)
[New Search](#)

» Key



Open access content

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

Modify Search


☒ Check to search only within this results set
Display Format: ☒ Citation ☐ Citation & Abstract

IEEE/ET

Books

Educational Courses

A

IEEE/ET Journals, transactions, letters, magazines, conference proceedings, and




View: 1

26. **Wavelet Neural Networks for Fault Diagnosis and Prognosis**  
 Berenji, H.R.; Yan Wang;  
 Fuzzy Systems, 2006 IEEE International Conference on  
 July 16-21, 2006 Page(s):1334 - 1339  
 Digital Object Identifier 10.1109/FUZZY.2006.1681883  
[AbstractPlus](#) | Full Text: PDF(370 KB) IEEE CNF  
[Rights and Permissions](#)
27. **An artificial neural network architecture for application in general diagn**  
 Mark Osborne; Matt Cornish; Chris Gorringer;  
 AUTOTESTCON 2004. Proceedings  
 20-23 Sept. 2004 Page(s):402 - 406  
 Digital Object Identifier 10.1109/AUTEST.2004.1436905  
[AbstractPlus](#) | Full Text: PDF(236 KB) IEEE CNF  
[Rights and Permissions](#)
28. **Intelligent Diagnostic Requirements of Future All-Electric Ship Integrate**  
 Logan, K. P.;  
 Industry Applications, IEEE Transactions on  
 Volume 43, Issue 1, Jan.-feb. 2007 Page(s):139 - 149  
 Digital Object Identifier 10.1109/TIA.2006.886993  
[AbstractPlus](#) | Full Text: PDF(715 KB) IEEE JNL  
[Rights and Permissions](#)
29. **Evaluation of filtering techniques for aircraft engine condition monitorin**  
 Hai Qiu; Eklund, N.; Iyer, N.; Xiao Hu;  
 Prognostics and Health Management, 2008. PHM 2008. International Confer  
 6-9 Oct. 2008 Page(s):1 - 8  
 Digital Object Identifier 10.1109/PHM.2008.4711446  
[AbstractPlus](#) | Full Text: PDF(6302 KB) IEEE CNF  
[Rights and Permissions](#)
30. **Prognostics using morphological signal processing and computational**  
 Samanta, B.; Nataraj, C.;

Prognostics and Health Management, 2008. PHM 2008. International Conference 6-9 Oct. 2008 Page(s):1 - 9  
 Digital Object Identifier 10.1109/PHM.2008.4711461  
[AbstractPlus](#) | [Full Text: PDF\(3234 KB\)](#) | [IEEE CNF](#)  
[Rights and Permissions](#)

31. **Adaptive On-Wing Gas Turbine Engine Performance Estimation**  
 Luppold, R.; Brotherton, T.; Volponi, A.;  
 Aerospace Conference, 2007 IEEE  
 3-10 March 2007 Page(s):1 - 12  
 Digital Object Identifier 10.1109/AERO.2007.352836  
[AbstractPlus](#) | [Full Text: PDF\(578 KB\)](#) | [IEEE CNF](#)  
[Rights and Permissions](#)
32. **Diagnostic fault detection for internal combustion engines via pressure**  
 Murphy, B.J.; Lebold, M.S.; Reichard, K.; Galie, T.; Byington, C.;  
 Aerospace Conference, 2003. Proceedings, 2003 IEEE  
 Volume 7, March 8-15, 2003 Page(s):3239 - 3246  
[AbstractPlus](#) | [Full Text: PDF\(615 KB\)](#) | [IEEE CNF](#)  
[Rights and Permissions](#)
33. **Survey: State of the Art in NDE Data Fusion Techniques**  
 Zheng Liu; Forsyth, D.S.; Komorowski, J.P.; Hanasaki, K.; Kirubarajan, T.;  
 Instrumentation and Measurement, IEEE Transactions on  
 Volume 56, Issue 6, Dec. 2007 Page(s):2435 - 2451  
 Digital Object Identifier 10.1109/TIM.2007.908139  
[AbstractPlus](#) | [Full Text: PDF\(1070 KB\)](#) | [IEEE JNL](#)  
[Rights and Permissions](#)
34. **A diagnostic approach for electro-mechanical actuators in aerospace systems**  
 Balaban, Edward; Bansal, Prasad; Stoelting, Paul; Saxena, Abhinav; Goebel, Andrew  
 Aerospace conference, 2009 IEEE  
 7-14 March 2009 Page(s):1 - 13  
 Digital Object Identifier 10.1109/AERO.2009.4839661  
[AbstractPlus](#) | [Full Text: PDF\(471 KB\)](#) | [IEEE CNF](#)  
[Rights and Permissions](#)
35. **FUMS™ technologies for verifiable affordable prognostics health management**  
 Azzam, H.; Cook, J.; Driver, S.;  
 Aerospace Conference, 2004. Proceedings, 2004 IEEE  
 Volume 6, 6-13 March 2004 Page(s):3764 - 3781 Vol.6  
 Digital Object Identifier 10.1109/AERO.2004.1368195  
[AbstractPlus](#) | [Full Text: PDF\(1510 KB\)](#) | [IEEE CNF](#)  
[Rights and Permissions](#)
36. **Development of diagnostic and prognostic technologies for aerospace applications**  
 Roemer, M.J.; Nwadiogbu, E.O.; Bloor, G.;  
 Aerospace Conference, 2001. IEEE Proceedings,  
 Volume 6, 10-17 March 2001 Page(s):3139 - 3147 vol.6  
 Digital Object Identifier 10.1109/AERO.2001.931331  
[AbstractPlus](#) | [Full Text: PDF\(956 KB\)](#) | [IEEE CNF](#)  
[Rights and Permissions](#)
37. **Shipboard machinery diagnostics and prognostics/condition based maintenance**  
 Hadden, G.D.; Bergstrom, P.; Vachtsevanos, G.; Bennett, B.H.; Van Dyke, J.;  
 Aerospace Conference Proceedings, 2000 IEEE  
 Volume 6, 18-25 March 2000 Page(s):277 - 292 vol.6

Digital Object Identifier 10.1109/AERO.2000.877904

AbstractPlus | Full Text: PDF(1932 KB) IEEE CNF  
Rights and Permissions

38. **FUMS<sub>2</sub> Technologies for Advanced Structural PHM**  
Azzam, H.; Beaven, F.; Smith, A.; Hebden, I.;  
Aerospace Conference, 2007 IEEE  
3-10 March 2007 Page(s):1 - 12  
Digital Object Identifier 10.1109/AERO.2007.352908  
AbstractPlus | Full Text: PDF(990 KB) IEEE CNF  
Rights and Permissions
39. **Dynamic Decision Support and Automated Fault Accommodation for Je**  
Liang Tang; Roemer, M.; Kacprzyński, G.J.; Jianhua Ge;  
Aerospace Conference, 2007 IEEE  
3-10 March 2007 Page(s):1 - 9  
Digital Object Identifier 10.1109/AERO.2007.352846  
AbstractPlus | Full Text: PDF(691 KB) IEEE CNF  
Rights and Permissions
40. **Hybrid soft computing systems: industrial and commercial applications**  
Bonissone, P.P.; Yu-To Chen; Goebel, K.; Khedkar, P.S.;  
Proceedings of the IEEE  
Volume 87, Issue 9, Sept. 1999 Page(s):1641 - 1667  
Digital Object Identifier 10.1109/5.784245  
AbstractPlus | Full Text: PDF(584 KB) IEEE JNL  
Rights and Permissions
41. **eSTORM: Enhanced self tuning on-board real-time engine model**  
Brotherton, T.; Volponi, A.; Luppold, R.; Simon, D.L.;  
Aerospace Conference, 2003. Proceedings. 2003 IEEE  
Volume 7, March 8-15, 2003 Page(s):3075 - 3086  
AbstractPlus | Full Text: PDF(826 KB) IEEE CNF  
Rights and Permissions
42. **Evaluating algorithm performance metrics tailored for prognostics**  
Saxena, Abhinav; Celaya, Jose; Saha, Bhaskar; Saha, Sankalita; Goebel, Ka  
Aerospace conference, 2009 IEEE  
7-14 March 2009 Page(s):1 - 13  
Digital Object Identifier 10.1109/AERO.2009.4839666  
AbstractPlus | Full Text: PDF(502 KB) IEEE CNF  
Rights and Permissions
43. **Operational experience with intelligent software agents for shipboard di**  
**engine health monitoring**  
Logan, K.P.;  
Electric Ship Technologies Symposium, 2005 IEEE  
25-27 July 2005 Page(s):184 - 194  
Digital Object Identifier 10.1109/ESTS.2005.1524673  
AbstractPlus | Full Text: PDF(559 KB) IEEE CNF  
Rights and Permissions
44. **The implementation of advanced diagnostic and prognostic concepts - I**  
**effective diagnostic and prognostic health management**  
Callan, R.; Larder, B.;  
Aerospace Conference, 2003. Proceedings. 2003 IEEE  
Volume 7, March 8-15, 2003 Page(s):3165 - 3175  
AbstractPlus | Full Text: PDF(811 KB) IEEE CNF  
Rights and Permissions

**45. Advanced diagnostics and prognostics for gas turbine engine risk asse-**

Roemer, M.J.; Kacprzynski, G.J.;  
Aerospace Conference Proceedings, 2000. IEEE  
Volume 6, 18-25 March 2000 Page(s):345 - 353 vol.6  
Digital Object Identifier 10.1109/AERO.2000.877909  
AbstractPlus | Full Text: PDF(844 KB) IEEE CNF  
Rights and Permissions

**46. A fuzzy BP approach for diagnosis and prognosis of bearing faults in in**

Satish, B.; Sarma, N.D.R.;  
Power Engineering Society General Meeting, 2005. IEEE  
12-16 June 2005 Page(s):2291 - 2294 Vol. 3  
Digital Object Identifier 10.1109/PES.2005.1489277  
AbstractPlus | Full Text: PDF(482 KB) IEEE CNF  
Rights and Permissions

**47. Prognosis of faults in gas turbine engines**

Brotherton, T.; Jahns, G.; Jacobs, J.; Wroblewski, D.;  
Aerospace Conference Proceedings, 2000. IEEE  
Volume 6, 18-25 March 2000 Page(s):163 - 171 vol.6  
Digital Object Identifier 10.1109/AERO.2000.877892  
AbstractPlus | Full Text: PDF(708 KB) IEEE CNF  
Rights and Permissions

**48. Table of contents**

American Control Conference, 2006  
14-16 June 2006 Page(s):0\_83 - 0\_168  
Digital Object Identifier 10.1109/ACC.2006.1655321  
AbstractPlus | Full Text: PDF(498 KB) IEEE CNF  
Rights and Permissions

**49. Model-based predictive diagnostics for electrochemical energy sources**

Kozlowski, J.D.; Byington, C.S.; Garga, A.K.; Watson, M.J.; Hay, T.A.;  
Aerospace Conference, 2001. IEEE Proceedings.  
Volume 6, 10-17 March 2001 Page(s):3149 - 3164 vol.6  
Digital Object Identifier 10.1109/AERO.2001.931332  
AbstractPlus | Full Text: PDF(1524 KB) IEEE CNF  
Rights and Permissions

**50. 2007 Index IEEE Transactions on Systems, Man, and Cybernetics, Part (**

Reviews) Vol. 37  
Systems, Man, and Cybernetics, Part C: Applications and Reviews, IEEE Tra  
Volume 37, Issue 6, Nov. 2007 Page(s):1387 - 1404  
Digital Object Identifier 10.1109/TSMCC.2007.910195  
AbstractPlus | Full Text: PDF(186 KB) IEEE JNL  
Rights and Permissions

View: |